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Sup Risorant
S. Sand

PATENT

Docket No. 5634.121

6/21/96

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John C. Harvey and James W. Cuddihy

Serial No.: 08/447,496

Filing Date: May 23, 1995

For: Signal Processing Apparatus and Methods

Group Art Unit: 2602/348

Examiner:

Assistant Commissioner of Patents
Washington D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

| <u>Serial No.</u> | <u>Filing Date</u> | <u>Patent No.</u> |
|-------------------|--------------------|-------------------|
| 08/113,329 | August 30, 1993 | Pending |
| 08/056,501 | May 3, 1993 | 5,335,277 |
| 07/849,226 | March 10, 1992 | 5,233,654 |
| 07/588,126 | September 25, 1990 | 5,109,414 |
| 07/096,096 | September 11, 1987 | 4,965,825 |

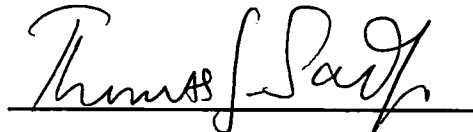
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Applicants believe that all references cited on the attached PTO 1449 form were cited by or submitted to the PTO in one or more of the cases cited above or in U.S. Patent Application Serial No. 06/829,531, filed February 15, 1986 now U.S. Patent No. 4,704,725 and/or U.S. Patent Application Serial No. 06/317,510, filed November 3, 1981 now U.S. Patent No. 4,694,490. Therefore, no copies of the listed references are provided herewith. It is respectfully requested that the information above be expressly considered during the prosecution of this Application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office Action on the merits, no certification or fee is required.

Respectfully submitted,



Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: December 15, 1995

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| PTO 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method | Attorney Docket No. 5634.121 | Serial No. 08/447,496 |
| | Applicants John C. Harvey <i>and</i> James W. Cuddihy | |
| | Filing Date: May 23, 1995 | Group: 2602/348 |

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* - If pertinent

*** - Claims priority from parent application filed prior to Nov. 3, 1981

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method | Attorney Docket No. 5634.121 | Serial No. 08/447,496 |
| | Applicants John C. Harvey and James W. Cuddihy | |
| | Filing Date: May 23, 1995 | Group: 2602/348 |

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